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Waukesha County Department of Parks and Land Use 2022 Stormwater Workshop April 14, 2022

South Central Interceptor Stabilization Project City of Naperville, IL



Kelsey Gattone, C.F.M, Strand Associates, Inc.®



Presentation Outline











City and River Profile

Development of the South Central Interceptor Sewer

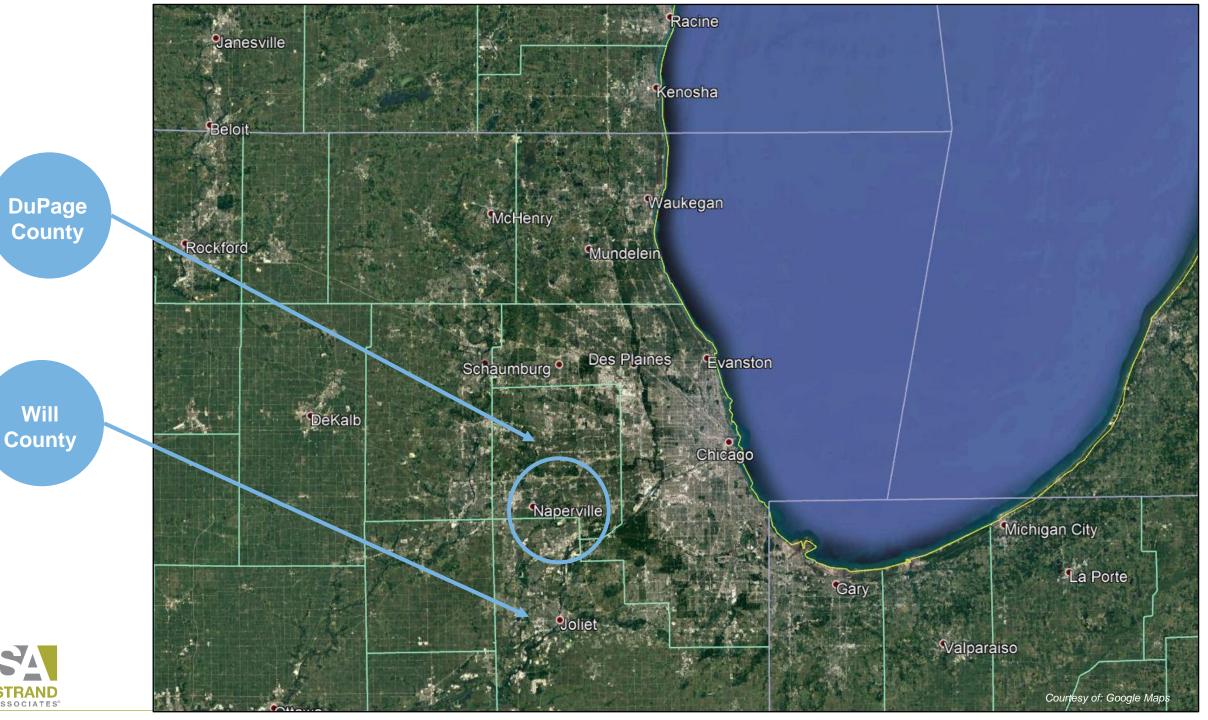
River Corridor Evaluation

Interceptor Evaluation Stage 1 Construction



City of Naperville and the West Branch of the DuPage River





Will

STRAND ASSOCIATES®

38 Square Miles

Population 148,000



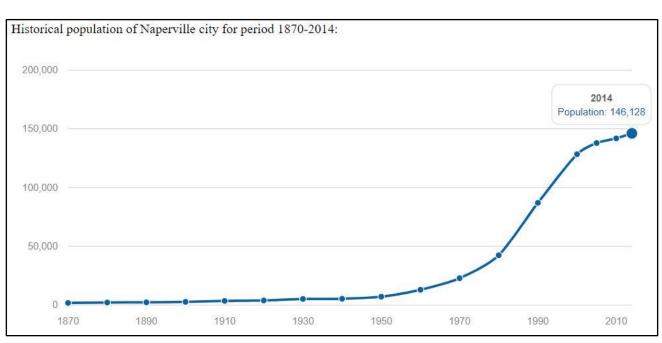


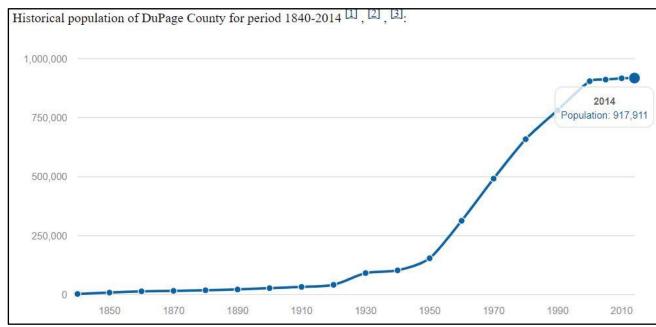


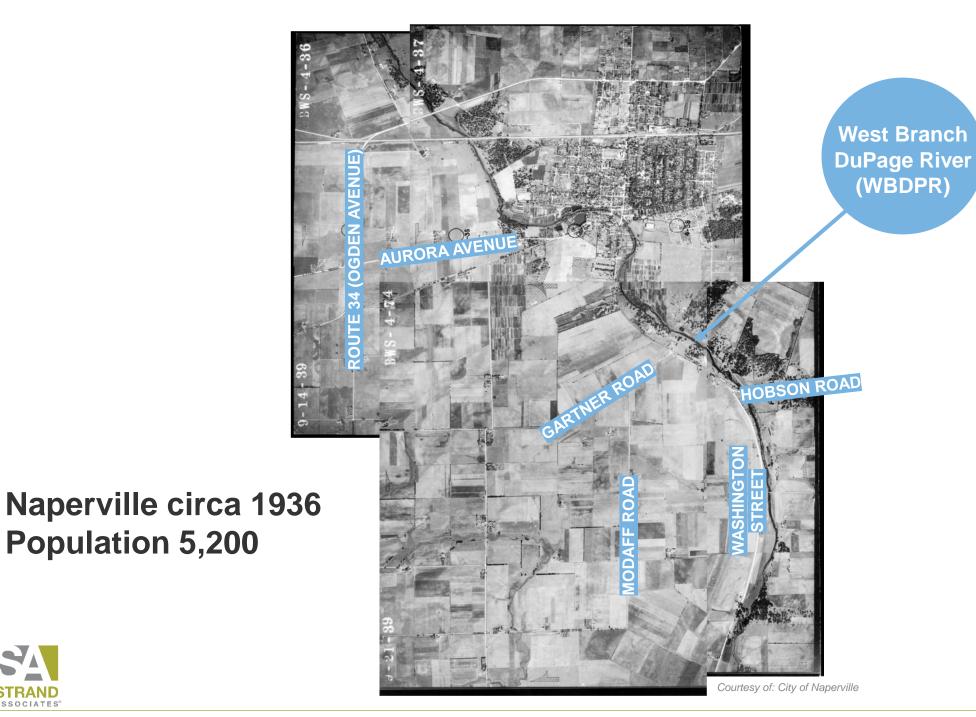
Naper Settlement

Although founded in 1831, most of Naperville's growth occurred after 1970.



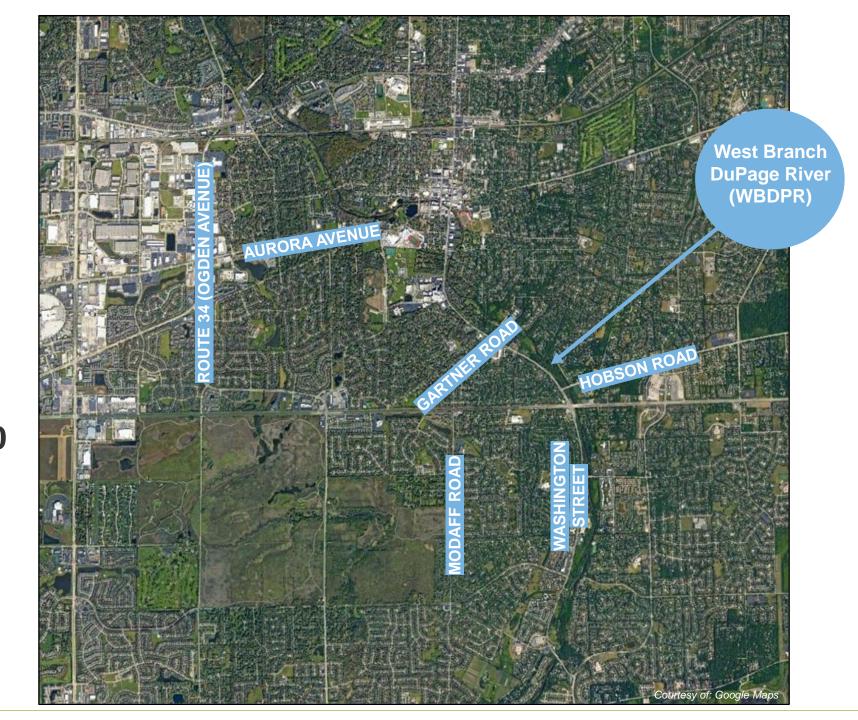








Naperville circa 2020 Population 148,000

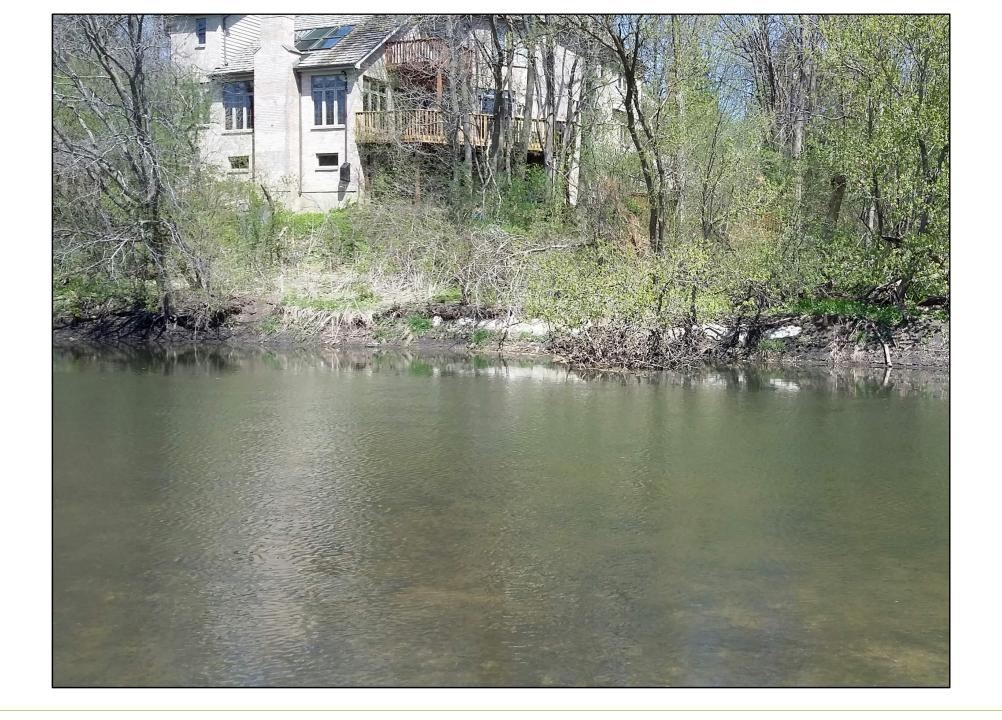








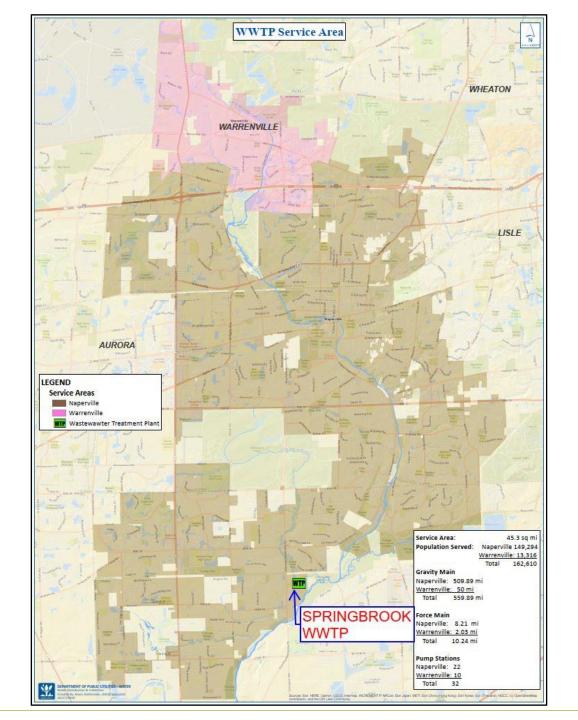




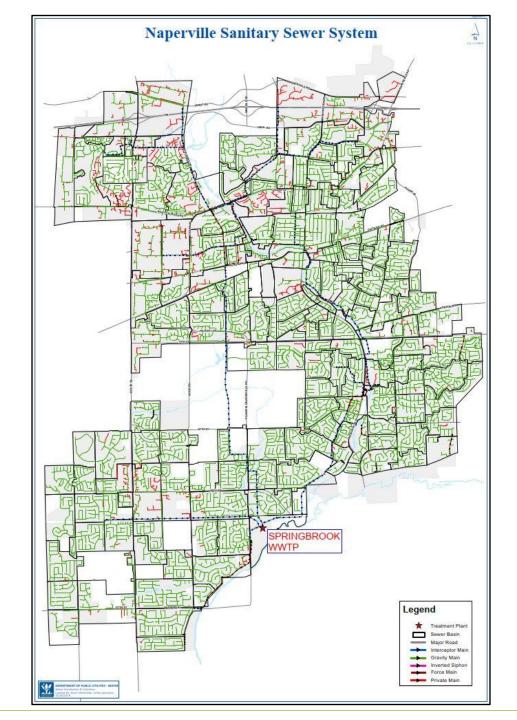


Development of the South Central Interceptor

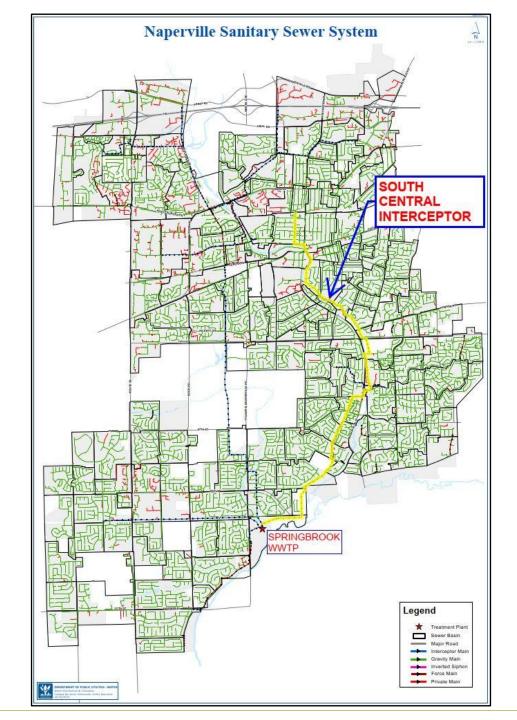




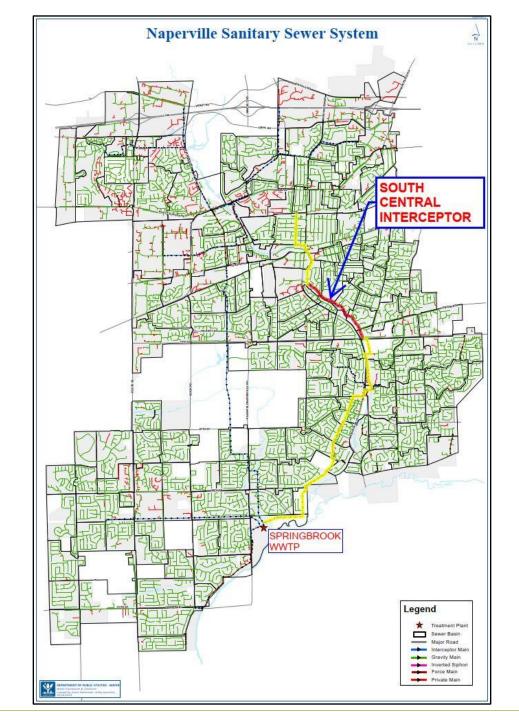




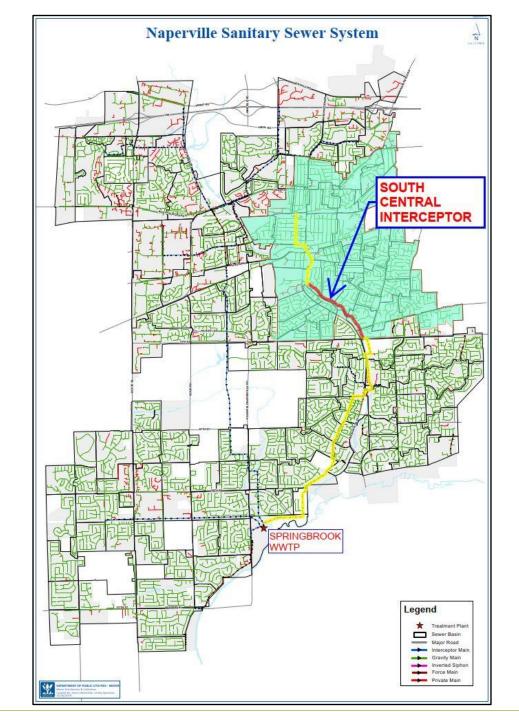




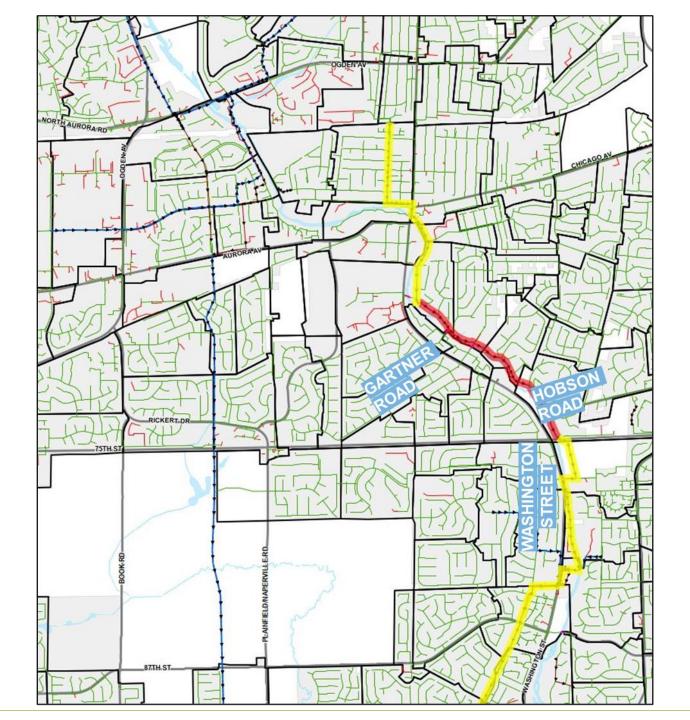




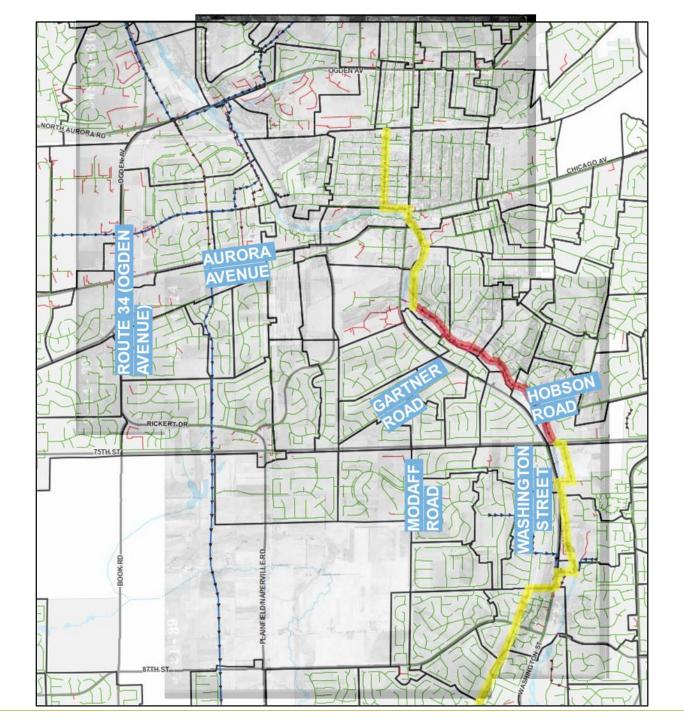




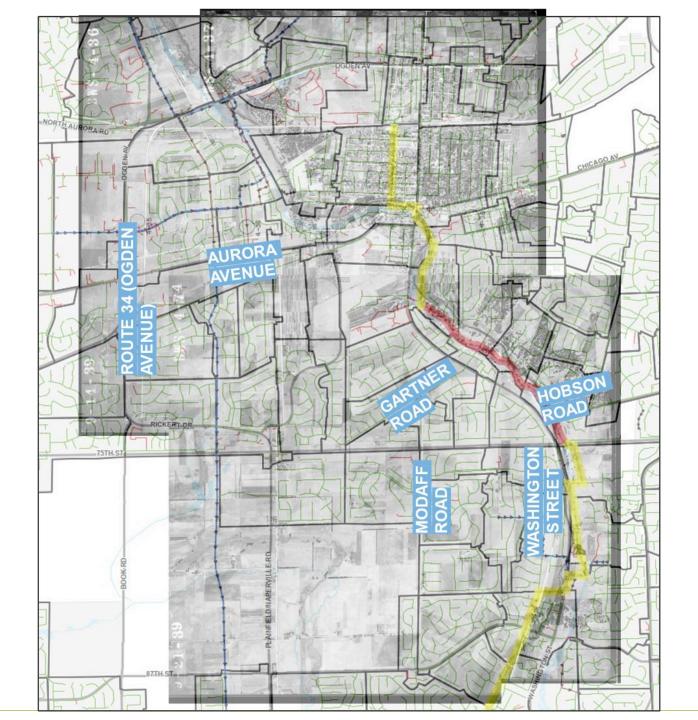




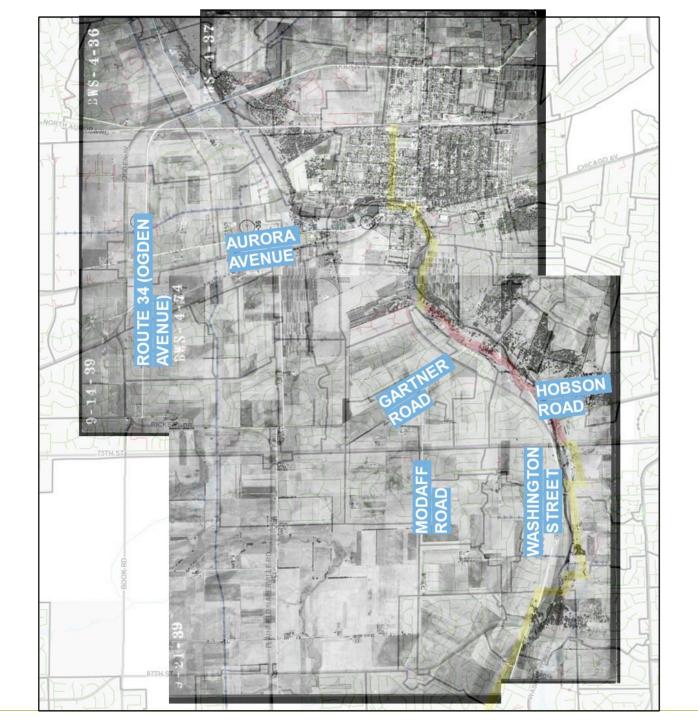




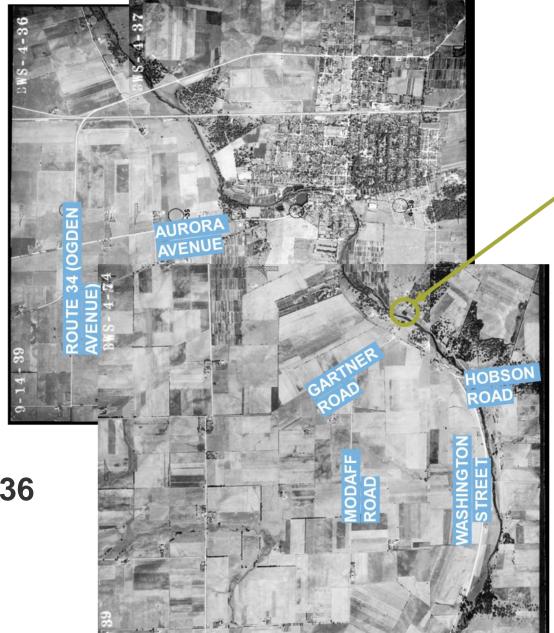










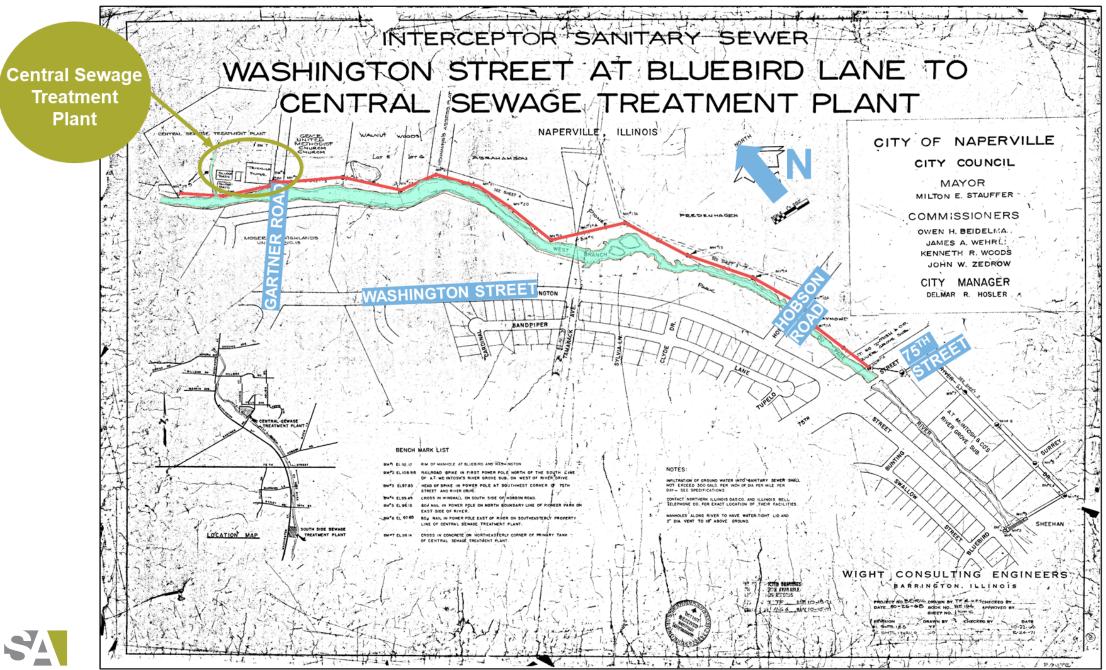


Central Sewage Treatment Plant

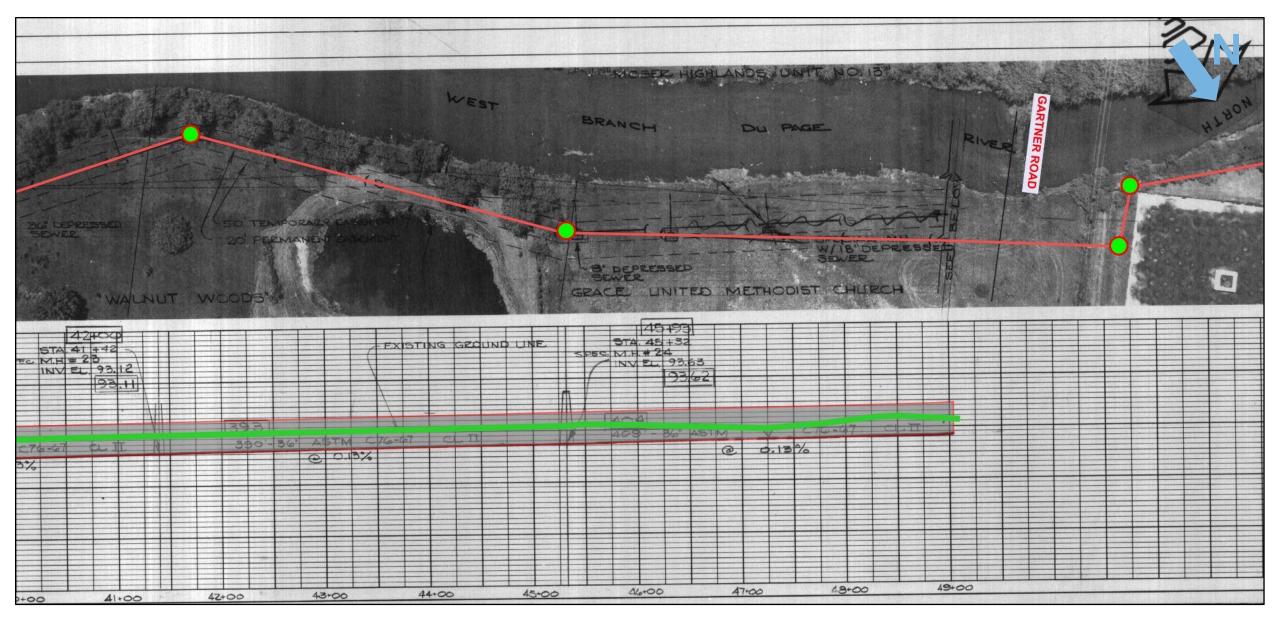
Courtesy of: City of Naperville

Naperville circa 1936 Population 5,200









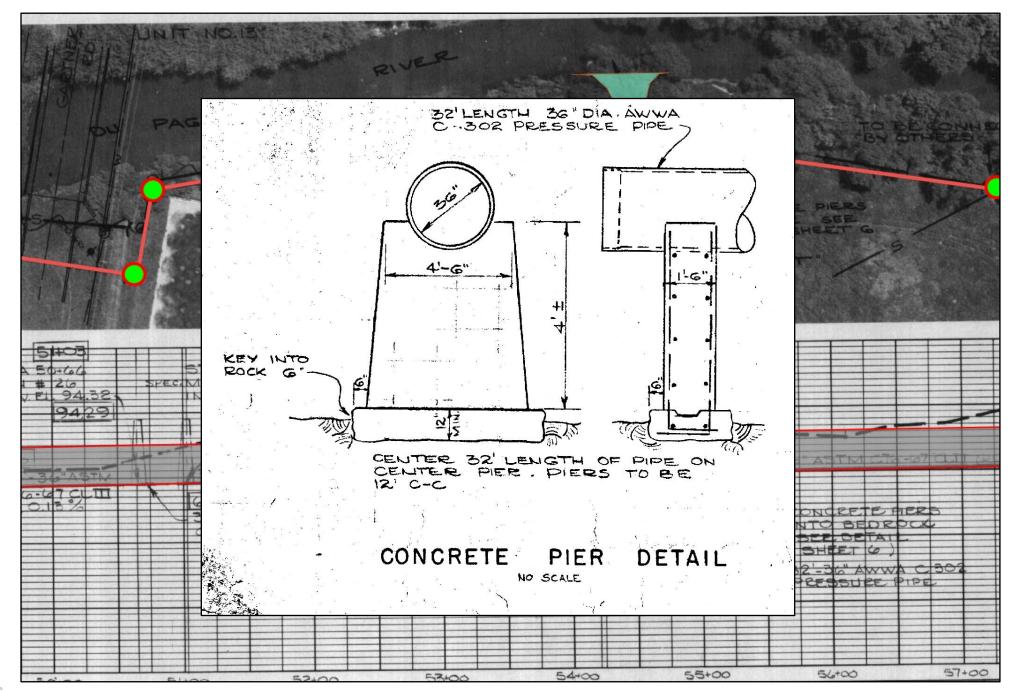










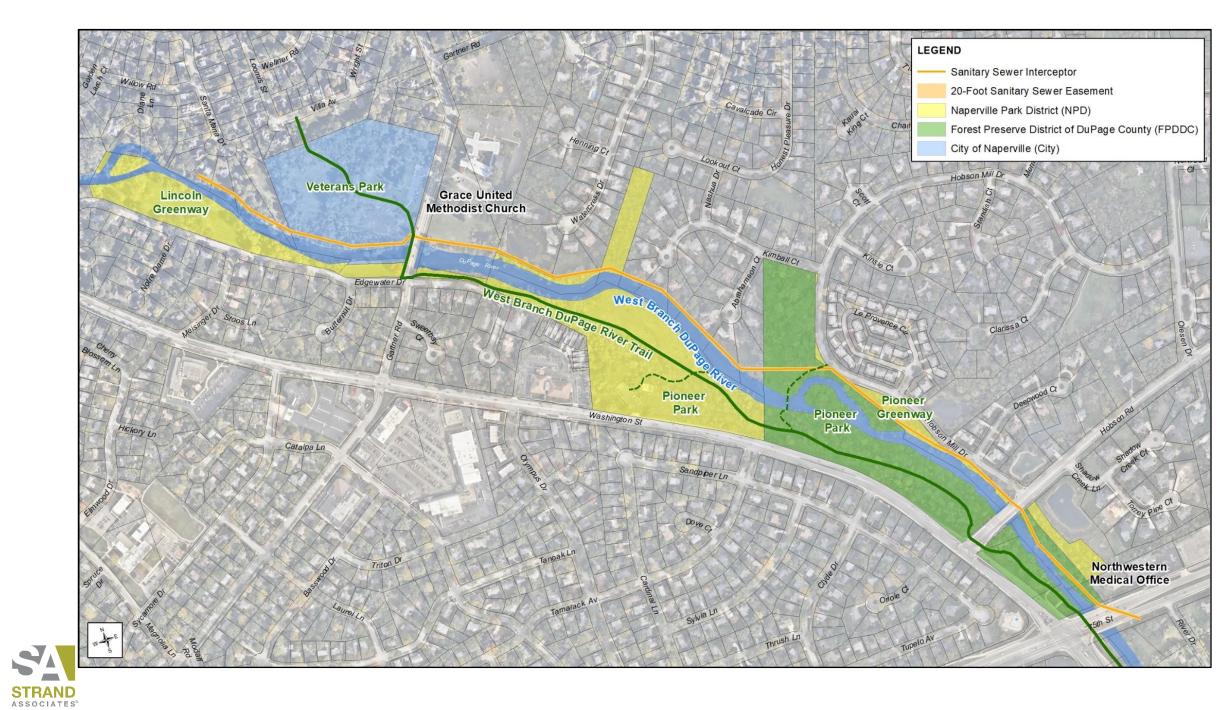


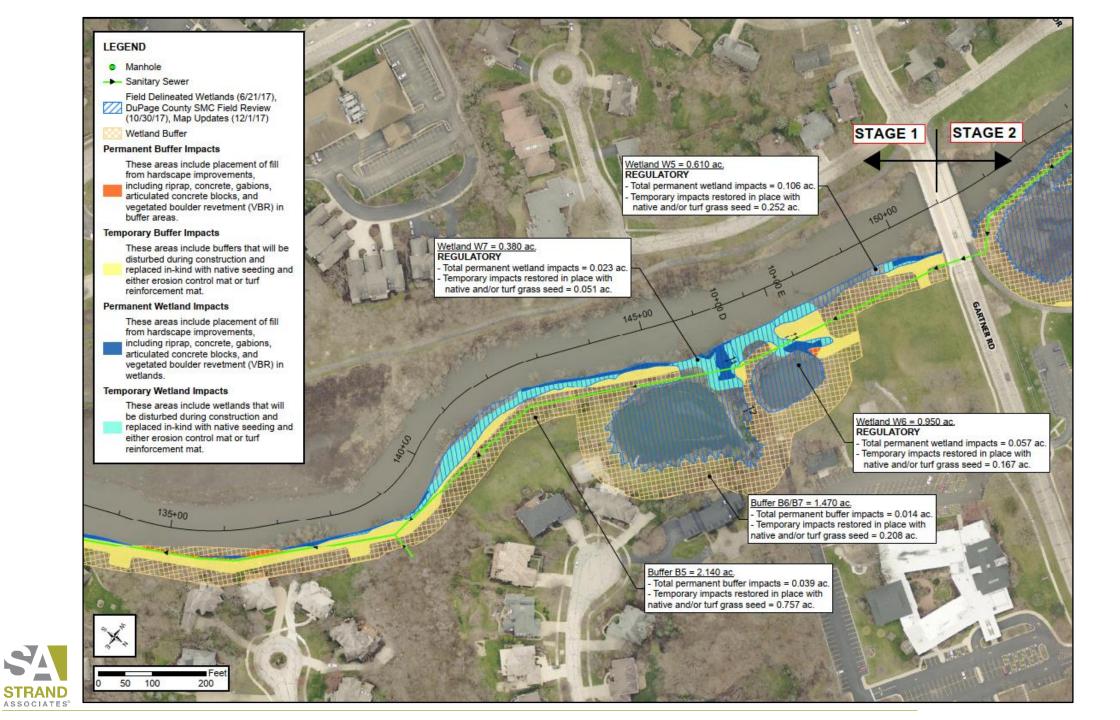




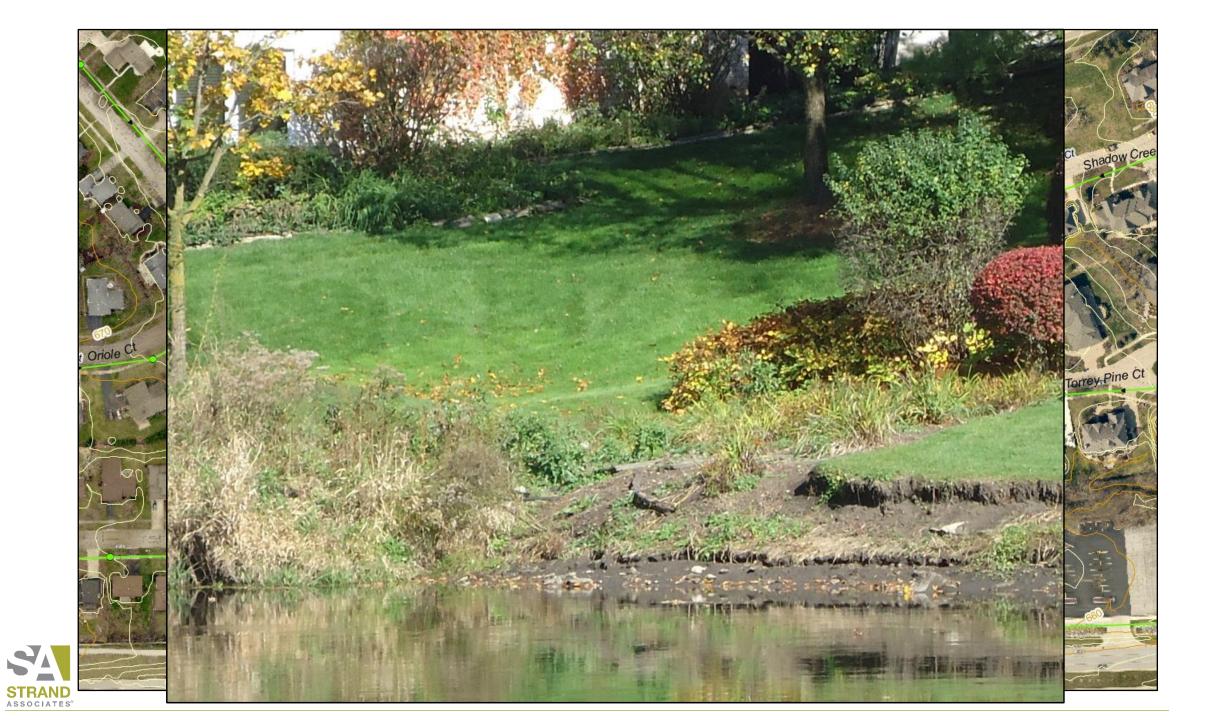
The River Corridor Evaluation





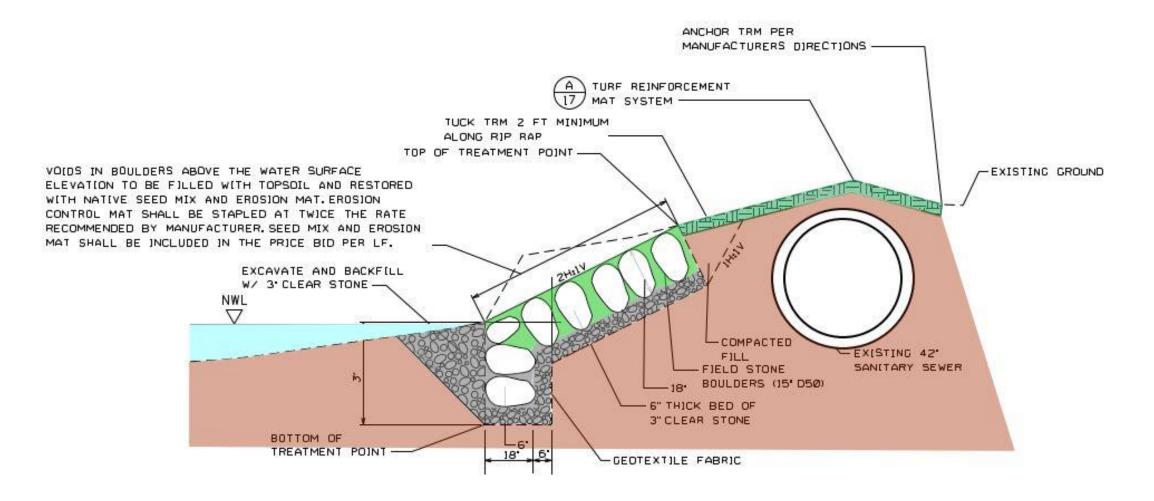












NOTE: CLEAR TRESS 10-FT EAST OF CENTERLINE INTERCEPTOR.



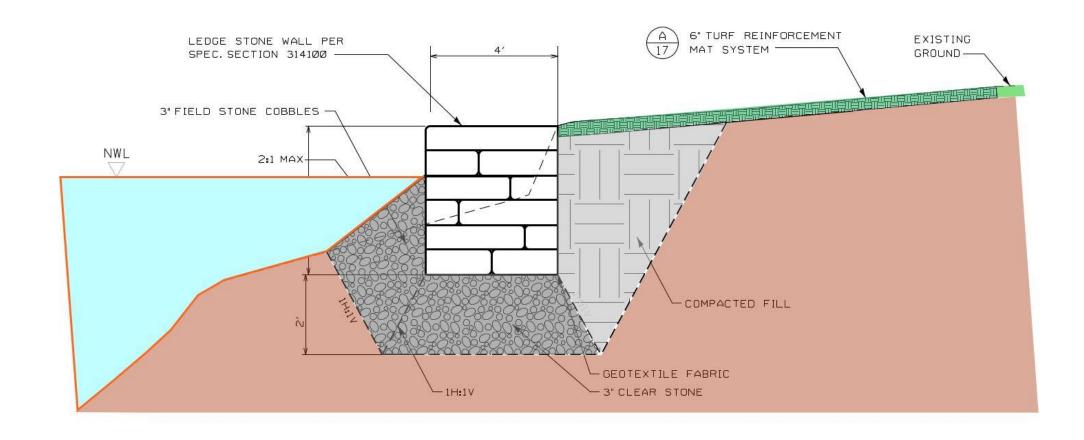














SCALE: 1"=4'

(STA. 129+45 - 134+45)



The Interceptor Evaluation







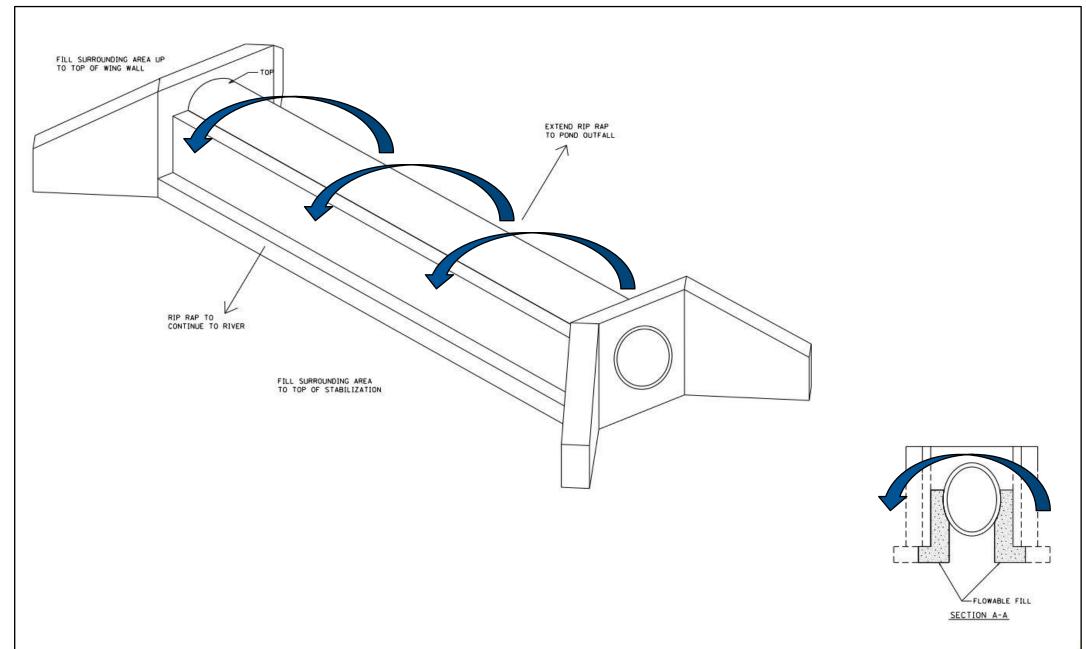










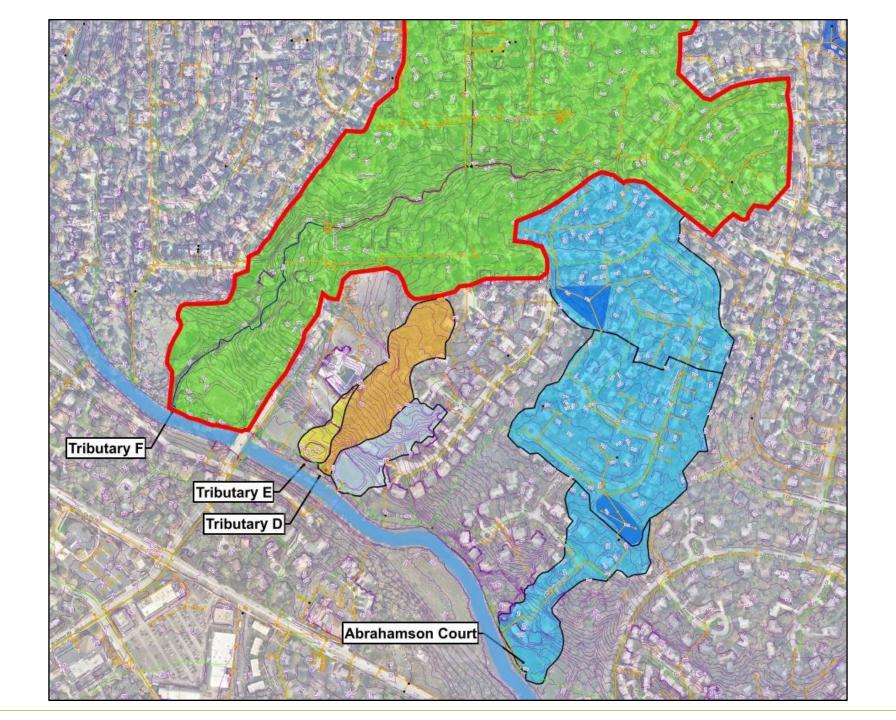






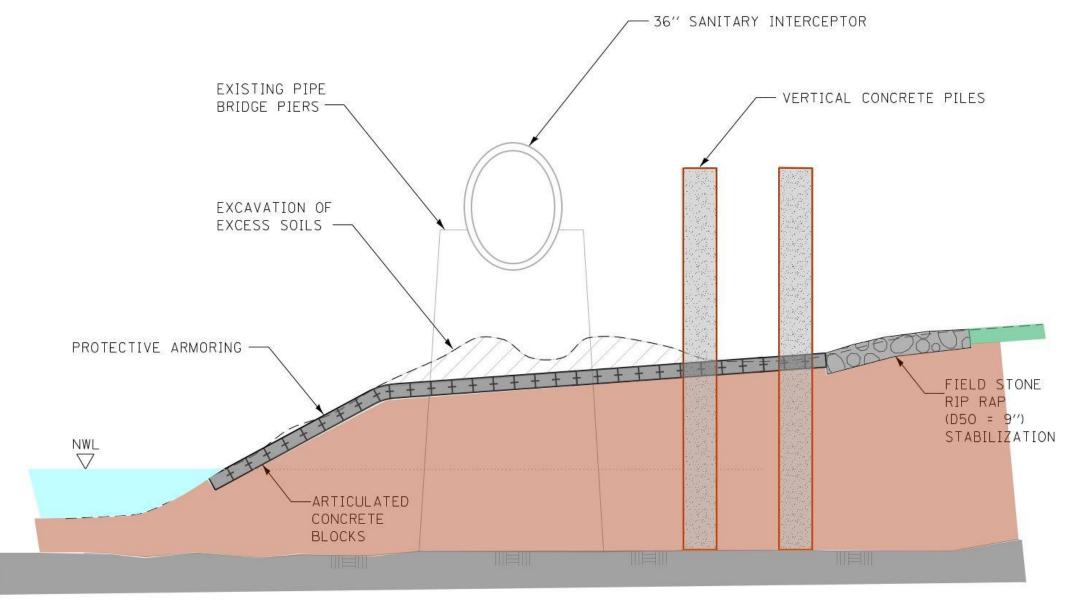














C PIPE BRIDGE TRIBUTARY F

SCALE: 1"=4"

Construction Stage 1



















Pipe Dam



































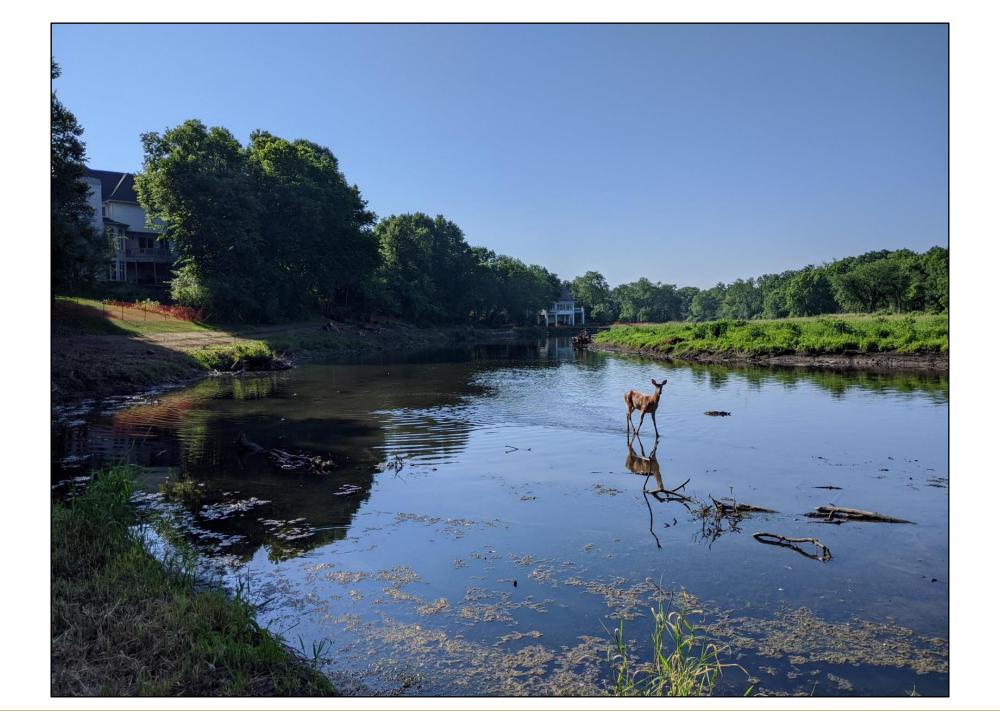




Vegetated Boulder Revetment







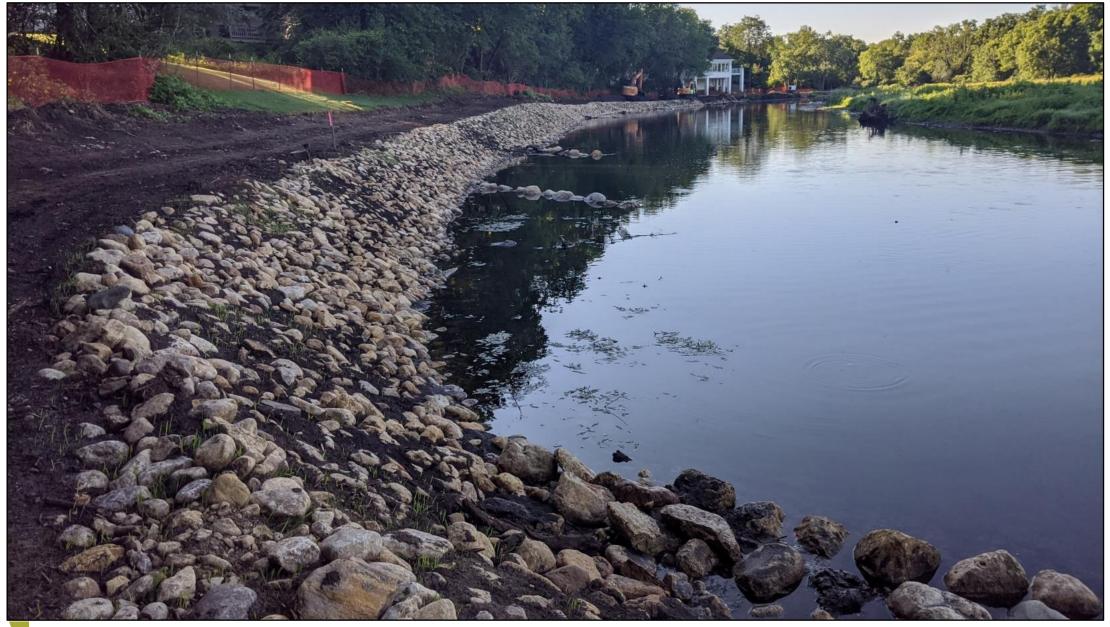












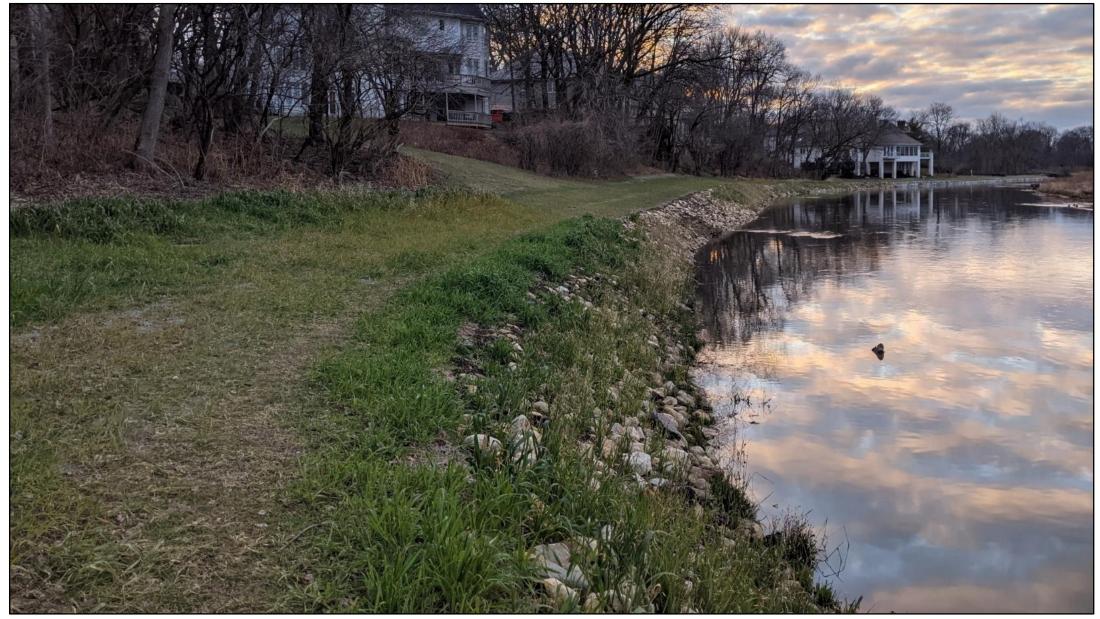




















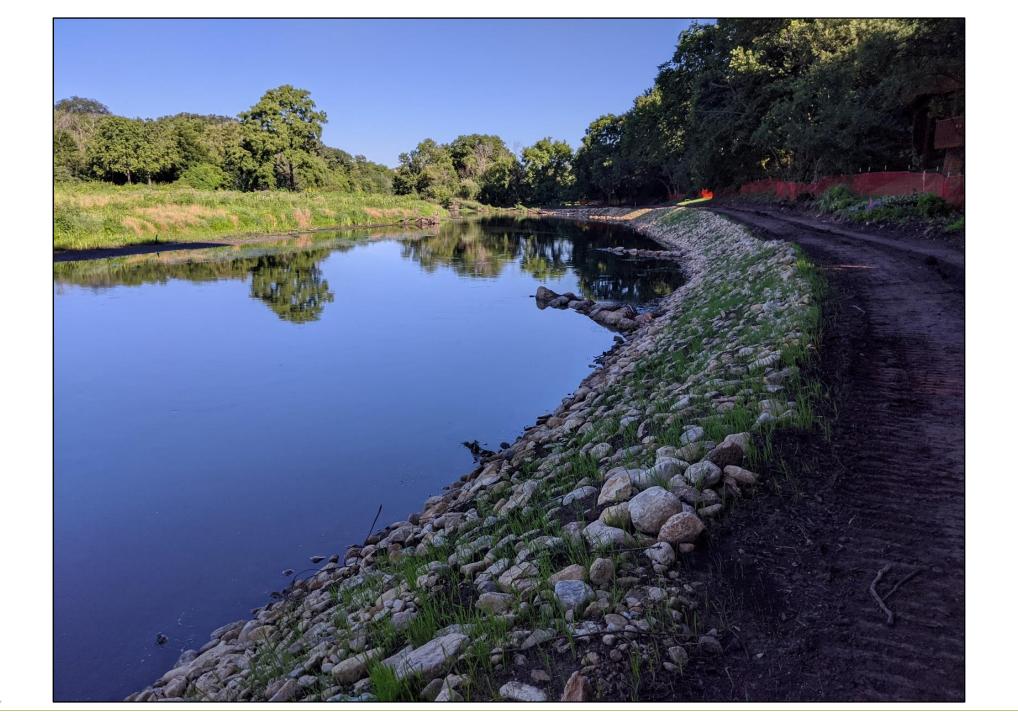




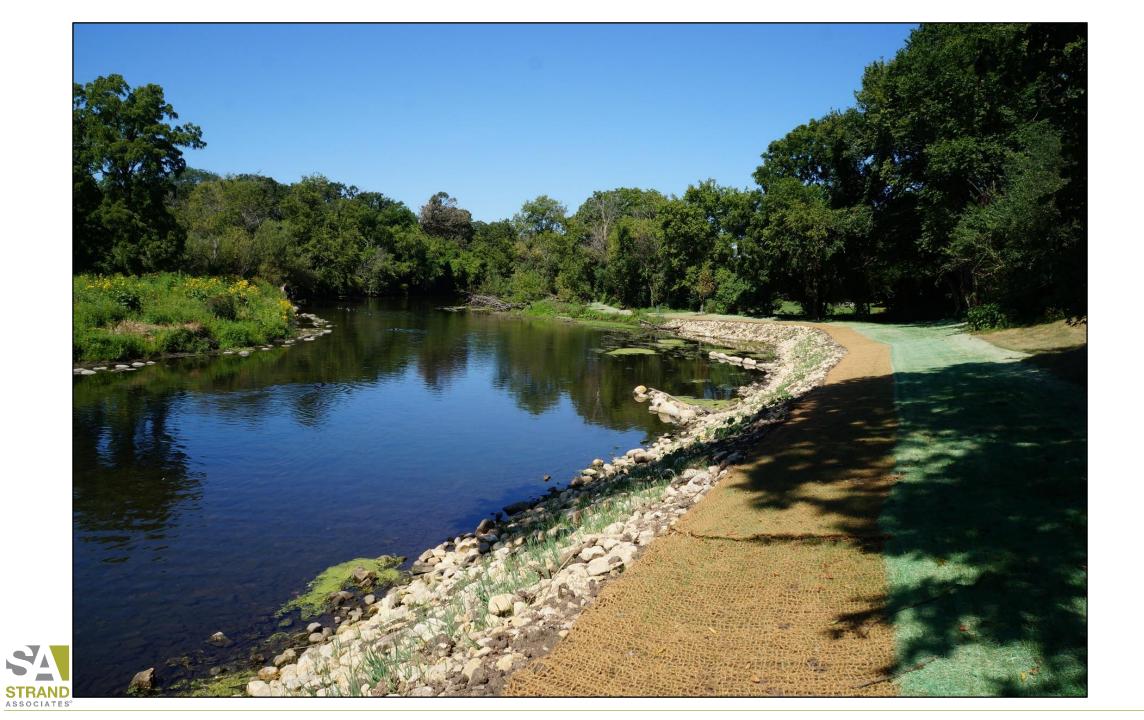












Ledge Stone Wall



























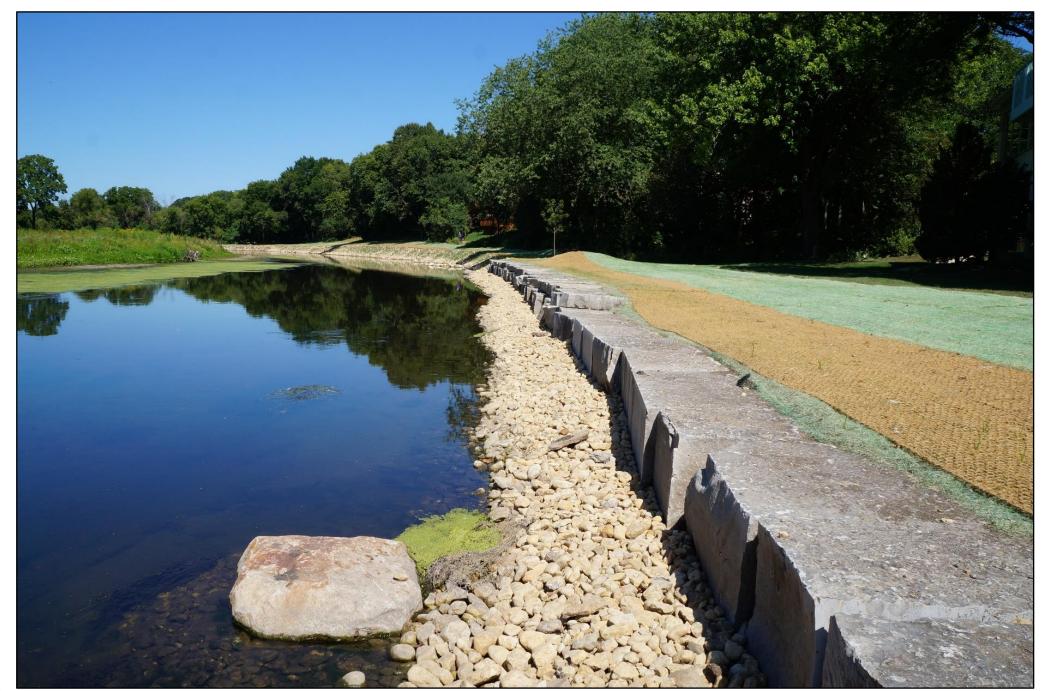




















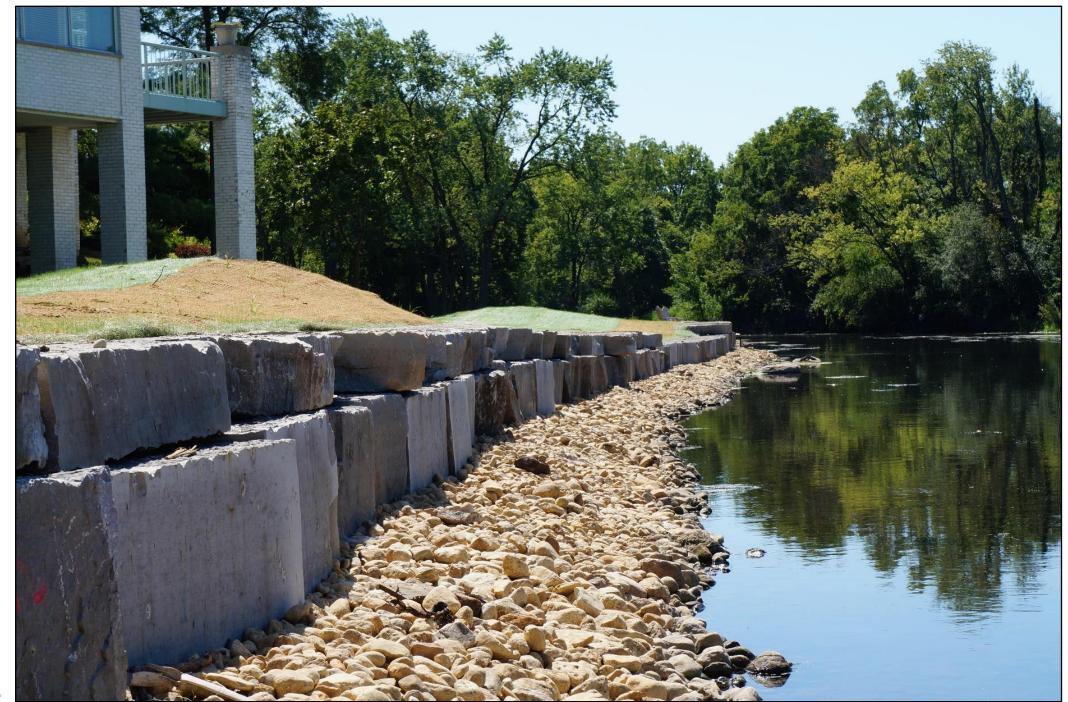














Local Storm Sewer













Tree Removal and Fish Habitat































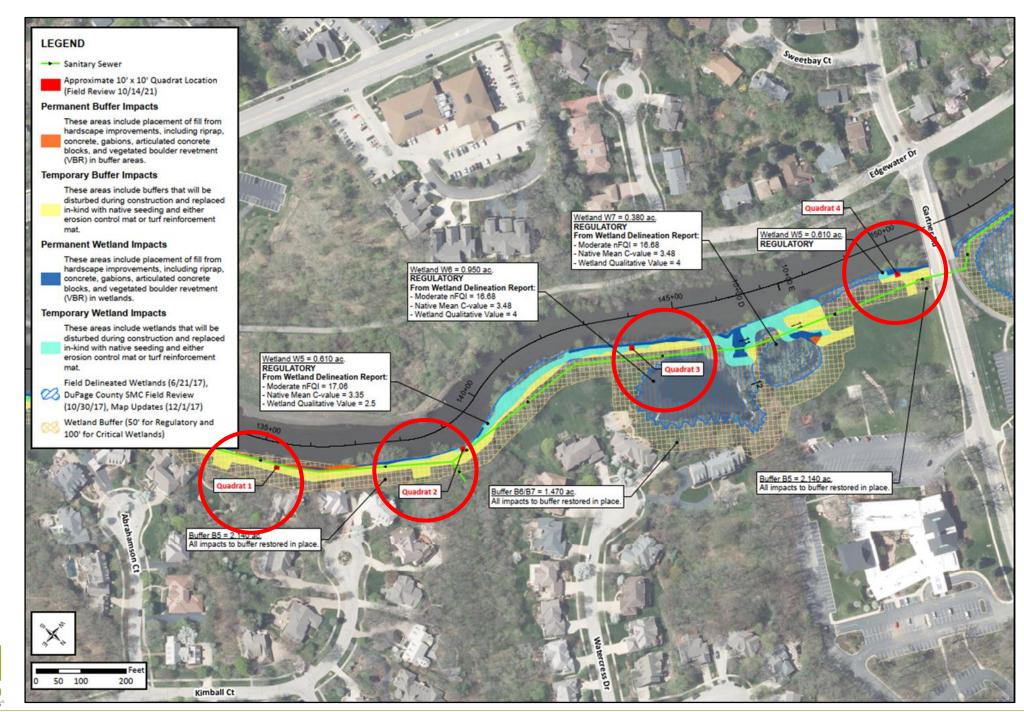




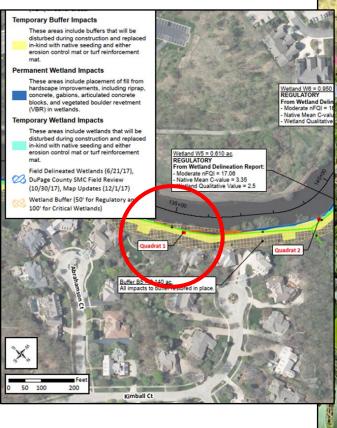


Bonus: Stage 1 Restoration Maintenance and Monitoring





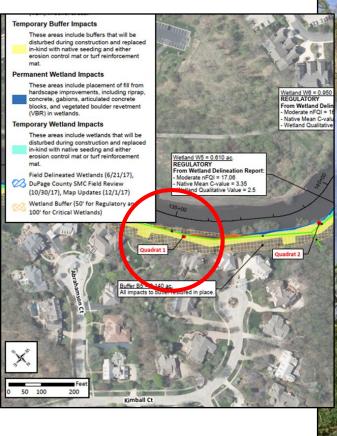






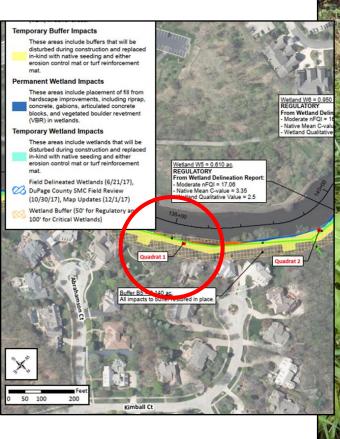


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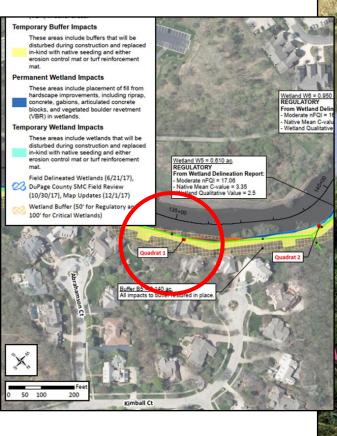


ASSOCIATES

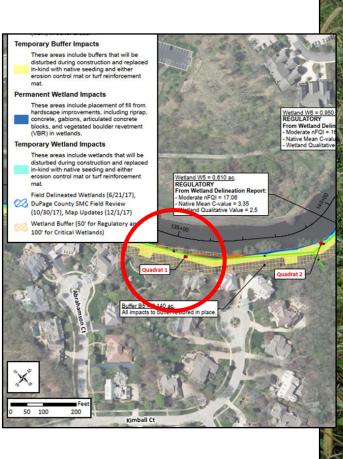




ASSOCIATES























Thank you!







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